**Soumya +1 (972-456-9890)**

**Sr Full Stack Java Developer shettysoumya913@gmail.com**

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**Available to work immediately and willing to relocate across US on day 1. Only C2C roles**

**SUMMARY .**

* **10+ years** of experience in Cross-Platform (Web & Client-Server) application development and design using **Object-Oriented Programming, Core Java, J2EE and UI**technologies.
* Extensively utilized messaging systems such as **RabbitMQ and Kafka** along with the **Spring AMQP protocol** for **i**mplementing messaging functionalities, including **JMS (Java Message Service)** integration. Also, utilized **AWS SQS** for messaging.Experience in BASH Shell scripting in **UNIX.**
* Proficient in **SQL**, **PL/SQL programming**, **Oracle, MySQL**and **MSSQL Server, NoSQL Databases like DynamoDB,Redis, MongoDB, GraphQL** and worked on **Stored Procedures** & **Triggers**.
* Experienced in **J2EE, Java Servlets, JSP, J2SE, Java Beans, ORM - Hibernate, Maven, MVC, Struts, Spring Frameworks, Java Swing, JDBC.**
* Extensive working experience and implementation skills in **Core Java, Servlets, Spring Framework, MVC framework (Struts, Spring MVC), Spring AOP**, **Spring Boot, Spring Web Flow, Hibernate ORM, JPA, Servlets, JDBC, JNDI, JMS, EJB, Java Mail.** Experienced in Developing **Microservices** using **Spring Boot.**
* Experienced in creative and effective front-end development **HTML, CSS, AJAX, JavaScript, AngularJS, Angular, NodeJS, React, TypeScript, Bootstrap, jQuery, JSON, XML.**
* Involved in all phases of Software Development Life Cycle **(SDLC)**which include **Architecture, Analysis, Design, Development, Documentation, Implementation, Testing, Deployment** and**Maintenance.**
* Experience with various **J2EE design patterns** like **Singleton, Factory, Front Controller, Abstract Factory, DAO** in the development of enterprise applications.
* Well versed in using Software development methodologies like **Agile Methodology** like **Scrum, Sprint,** and Traditional software models like **Waterfall and TDD.**
* Hands-on experience in the **Spring Framework**, **Spring Core(IOC Container, Dependency Injection and AOP**), **Spring MVC, Spring Templates, Spring Security (OAuth), Spring Data JPA, Spring Batch and Spring Boot Technologies.**
* Expertise in developing **SOA** (Service Oriented Architecture) with web services and micro services based on **REST API, JAX-RS, SOAP, WSDL.**
* Skilled in implementing **CI/CD pipelines** using **Jenkins, Git, and JFrog**, managing and deploying containers with **OpenShift**, **Docker and Kubernetes,** maintaining code quality with **SonarQube, JaCoCo, FindBugs** and monitoring application performance and logs using **Splunk, AWS CloudWatch, and Log4j.**
* Worked on deployment, installation, configuration, and issues with Application servers like **Apache Tomcat, IBM Web Sphere and JBoss Enterprise Application Server.**
* Experience in Implementing **AWS solutions using EC2, S3, RDS, EBS, Lambda, Elastic Load Balancer (ELB), Cloud Watch, Auto-scaling groups, API Gateway, Amazon RDS.**
* Proficient knowledge of **Microsoft Azure Cloud Services (PaaS & IaaS), Internet of Things (IoT), Key Vault, Application Insights, Document DB, Azure Monitoring, Visual Studio Online (VSO), and SQL Azure.**
* Expertise in infrastructure automation and orchestration using **Terraform.**
* Highly proficient in building **REST-API (JAX-RS)** based web services with **JERSEY and Spring MVC.** Used **Swagger** for API Documentation. Expertise in **persistence framework**, **Hibernate ORM** to map **POJOs** to a relational database.
* Proficient in core java concepts like **Collection Framework, Stream, Multi-threading, Generics, Annotations, Serialization, Thread pools, JavaBeans, Lambda Expressions**.
* Expertise in a wide range of **DevOps** tools, including **Jenkins, Git, Maven, Gradle, Docker, Kubernetes,Selenium, SonarQube, Splunk** enabling streamlined development, testing, and deployment processes.
* Expertise in design with **Use Case, Sequence diagrams, Activity diagrams, Class diagrams**.
* Experience in writing **Maven** scripts for project development and deployment.
* Hands on experience with **TestNG, Mockito, JUnit, Jasmine, RestAssured, Selenium** in developing test cases and determining application functionality and used tools like **Postman and SoapUI to test APIs.**

**TECHNICAL SKILLS**

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| **Programming Languages** | Java, SQL, JavaScript |
| **Software Methodologies** | Agile, Scrum, TDD, SDLC, Waterfall, OOP, UML, MVC, Factory pattern, Singleton, Service Oriented Architecture |
| **Java/J2EETechnologies** | J2EE, Servlets, JSP, JSTL, JDBC, JMS, JavaBeans, Java Mail, MVC, Web services, Ant, Maven, Multithreading, Log4j,Java Beans |
| **Web Technologies** | Angular,React, JavaScript, TypeScript, Node.js, RxJS**,** JSP, AJAX, HTML, Bootstrap, jQuery, XML, CSS, JSON |
| **Spring Frameworks/Technologies** | Spring, Hibernate, JPA, Spring Core, Spring ORM, Spring MVC, Spring AOP, Spring Boot, Struts, Spring IOC, Spring, Spring Batch, Spring Security, Spring Data JPA, Spring AMQP |
| **Build Tools** | Maven, Gradle |
| **Operating Skills** | Windows, Linux Mint, Unix |
| **Web Services** | SOAP, RESTful,WSDL |
| **Cloud Technologies, DevOps Tools** | AWS, EC2, Azure, Docker, JIRA, Kubernetes |
| **Version and Source Control** | GIT, Bit Bucket, GITHUB |
| **Databases** | Oracle, MySQL, Cassandra, MSSQL-Server, NoSQL- MongoDB, DynamoDB, Cassandra, GraphQL,Redis |
| **Testing Tools** | JUnit, Mockito, Jasmine, Postman, SoapUI, Test NG, Selenium, RestAssured |
| **Messaging Platforms** | JMS, Apache Kafka, RabbitMQ, AWS SQS |
| **Application/Web Servers** | Apache Tomcat, Nginx, Web Sphere, Web Logic, JBoss |
| **Others** | Maven, Jenkins, Git, Splunk, SonarQube, Terraform, Swagger |

**PROFESSIONAL EXPERIENCE**

**Client: CVSHealth, Washington D.C. Jan 2022-Present Sr. full Stack Java Developer**

**Responsibilities:**

* Followed techniques and principles provided by **test driven development (TDD)** paradigm for developing quality code with continuous integration.
* Implemented services to use **Spring Security and Basic Authentication, OAuth 2.0** to validate Client Requests.
* Involved in Spring integration for **Dependency Injection** (DI/IoC) implementation and developing code for obtaining bean references within the **Spring IoC framework.**
* Developed **Spring Controllers, Service Components, BO, DAOs**, Web Services and UI Integration for developing presentation layer of the application.
* Utilized **Java 8's Streams and Lambda** expressions to store and manage the data.Extensively employed **Java 8** functionalities to optimize **sorting methods, incorporating lambda expressions, parallel operations on collections, and multithreading** capabilities.
* Assured that the **HIPAA and HL7 s**tandards for data privacy and security were followed during the design and development of the software, protecting sensitive medical data.
* Implemented **OAuth 2.0** and **JWT** for secure and efficient handling of authentication and authorization.
* Used **Spring MVC** to build REST API’s for developing web services and Used **Postman** tool for testing Web Services.
* Responsible for providing elevated level design documents and Lower-level design documents using **Swagger.**
* Developed **JMS components** and **Kafka consumer API** to enable seamless message exchange between internal applications and facilitate efficient production and consumption of data from **Kafka topics.**
* Developed unit test cases and suits on **Junit**framework for unit testing. Used **Jenkins, docker, Kubernetes** and**Maven** for continuous integration, building and deployment.
* Hands-on experience in **Amazon Web Services (AWS**) services like **EC2, S3, ELB(Load Balancers)**, **CloudWatch** etc.
* Used **AWS CloudWatch** to search and review logs while working on production environment incidents.
* Designed and implemented multiple **AWS Lambda functions** in Java for processing data and business logic, employing the **serverless architecture** model.Followed **Agile** methodology with two weeks iterations.
* Configured event-driven **Lambda functions** to trigger in response to **S3 bucket** changes, **DynamoDB u**pdates, and API **Gateway** calls. Utilized **Redis** as caching layer.
* Used Spring features like Spring **MVC, Spring JDBC, Spring Boot, Spring Data, Spring Boot, Spring Security, Spring Batch, hibernate** to implement the services of the application.
* Proficient in utilizing **Spring Data JPA** for streamlined and efficient database operations, including entity mapping, repository configuration, and executing queries. Wrote Restful Web Services to communicate with **MongoDB**.
* Used **Hibernate** as ORM Framework and configured using **Hibernate Annotations.**
* Wrote **HQL queries** and **Hibernate** criteria for interacting with database using Hibernate based **POJO entities.**
* Written **Stored Procedures,** functions, **SQL queries** and backend programming using **MSSQL.**Successfully integrated with different entities to provide optimal solutions.
* Maintained Interface compatibility and concurrency in the project using J**ava8** features like **stream and Lambda expressions, collections, multi-threading, default, static methods, and Concurrency API**.
* Implemented scheduled jobs using **Spring Batch.**
* Integrated **Docker** with **JenkinsCI/CD** pipeline for automated build and deployment, accelerating release cycles and reducing manual deployment errors.Developed, Tested and Deployed application in **Apache Tomcat server**.
* Utilized **SonarQube** with the **JaCoCo** plugin for comprehensive code quality analysis, issue detection, code smells identification, and continuous improvement within **CI/CD** pipelines.
* Hands-on experience with **Continuous Integration & Deployment** for **Microservices**utilizing **Jenkins, Docker**, and **AWS.**
* Utilized **JIRA** as a project management tool to track tasks, manage backlogs, and ensure on-time delivery of features in the development of healthcare applications.
* Created **Typescript** reusable components and services to consume REST API’s using Component based architecture provided by **Angular.** Involved in debugging the defects, code review and performance analysis.

**Environment:** Java, J2EE, Spring, Spring Boot, Spring Security, Hibernate, JPA, Servlets, JSP, HTML, JavaScript, Docker, Log 4j, Junit, Maven, UNIX, GIT, Jenkin, Java Beans, RESTful Web Services, Design patterns, Agile, JIRA, Apache, Tomcat, Spring MVC,Spring JDBC, Spring Data, Spring Security, Spring Batch, Hibernate,AWS,Kafka,Jenkins,JWT, OAuth2.0, MongoDB

**Client: MercedesBenz,Canton Michigan May 2020- Dec 2021 Sr. Full Stack Java Developer**

**Responsibilities:**

* Participated in the **design, development,** and support phases of the Software Development Life Cycle (**SDLC**)Used **Spring Boot** to build **Microservices**.
* Developed application on **Spring framework** by utilizing its features like **Spring Dependency injection, Spring Beans, Spring JDBC, Spring Security, Spring web flux and Spring MVC,Spring Data with JPA.**
* Utilized **Spring Security** for implementing authentication and authorization techniques, ensuring the privacy and security of the customer's data in banking applications.
* Developed **Restful web services** using **JAX-RS** and Consumed **REST** services using Apache HTTP Client for various HTTP methods like **GET, PUT, POST and DELETE.**
* Responsible in building a Custom **Exception Handing** Framework in the distributed Microservice Architecture.
* Created both producer and consumer web service components using **REST** and implemented **RESTful web services.**
* Employed Java **Serialization** for converting objects into byte streams and vice versa, to store and recover the state of objects as needed.Developed callback functions to parse and handle **JSON** data returned from the server.
* Leveraged **Java Collections** extensively to store, retrieve, manipulate, and aggregate data, improving the efficiency of data handling in the application.
* Used **Node.js** to run a local development server, aiding in faster and more efficient frontend development.
* Extensively used **Java Stream API** for efficient data manipulation and aggregate operations, improving the performance of bulk data operations.
* Proficiently processed a high volume of **payments** on a daily basis, ensuring accuracy and timeliness.
* Implemented rigorous verification procedures to validate the authenticity of incoming payments, preventing potentially fraudulent activities.
* Successfully integrated and implemented **ACH payment** solutions using **Authorize.Net** gateway, ensuring secure and efficient fund transfers.
* Used **Swagger** to validate microservices response against database and wrote SQL and HQL queries to retrieve data from the **Oracle** database.
* Used **Hibernate, object/relational-mapping (ORM)** solution, technique of mapping data representation from **MVC** model to Oracle Relational data model with SQL-based schema.
* Implemented **Data Access Laye**r using Entity Framework with Web API to connect, retrieve and update the data from Oracle Server.Used **Jasmine** framework to write **Unit test cases** for the web module.
* Written **Stored Procedures, functions**, **SQL queries** and backend programming using **Oracle**.
* Integrated **Splunk** with **Jenkins** and other **CI/CD** pipeline tools for real-time monitoring of build, test, and deployment processes, increasing visibility into the development process and improving release quality.
* Skilled in creating **Docker images** using **Docker files**, **optimizing image size**, and adhering to best practices for efficient container builds. Utilized **Postman** for testing API.
* Experienced on Managing the deployments in **Kubernetes** and creating cluster and deploying application containers.
* Involved in working, updating, and closing the tasks created in **GIT** and Implemented continuous deployment system with **Jenkins.** Used **JIRA** for project Management.
* Contributed to the architecture team with various **design patterns** in enhancing the architecture with robustness.
* Worked with **Agile** software lifecycle methodology and involve in daily **SCRUM meetings** for report, plan and expect purpose. code reviews, unit and regression testing, page speed testing.
* Integrated fraud detection measures specific to **ACH t**ransactions, minimizing the risk of unauthorized transactions and reducing financial losses. Utilized **RestAssured**to automate **API testing** for the web application's backend service.
* successfully implemented key elements of **event-driven architecture**, including **publishers, subscribers, events, event brokers, and event listeners.**
* Worked on R**EST API** calls and integration with UI. Used **Angular** to develop the component to the application team.
* Leveraged **RxJS**Observables in **Angular** projects to streamline asynchronous operations, enabling seamless data flow and real-time updates between components.
* Utilized **TestNG**'s reporting capabilities to generate test execution reports and track test results.
* Managed configuration of Web App and Deploy to **AWS cloud server** through **Chef**.
* Designed and implemented a serverless architecture using **AWS Lambda, API Gateway, and DynamoDB** to efficiently handle high volume data requests.
* Experienced in **MongoDB**, a NoSQL database management system, for handling structured and unstructured data.
* Proficient in using **MongoDB's** aggregation framework to perform complex data transformations, aggregations, and computations.
* Created and configured **AWS Elastic Load Balancers** and auto-scaling groups to distribute the traffic and to havea cost-efficient, fault-tolerant, and highly available environment.
* Implemented **AWS S3** lifecycle **policies** and **versioning** to handle data backups and archival effectively.
* Utilized **NoSQL** databases, specifically **Amazon DynamoDB**, **Redis** to efficiently manage and process unstructured data.
* Developed JMS components **RabbitMQ** to send messages from one application to other application internally.

**Environment:** Java, Core Java/J2EE, Microservices,Spring Boot, Hibernate,Spring framework, Oracle, REST Web Services DynamoDB,HTML,Kubernetes, Jenkins,Spring MVC, Splunk, Jenkins,Agile,Angular,AWS,Chef, Maven,CSS,Typescript, Spring Data,Jasmine,RabbitMQ,Jira,Serialization,Swagger,Spring Security,Spring Data JPA,Angular,GIT,JSON.

**Client: Huntington National Bank Columbous, OH Oct 2018-May2020** **Full Stack Java Developer**

**Responsibilities:**

* Experienced in writing declarative configuration files and integrating **Terraform** with **Jenkins** to automate infrastructure provisioning.
* Experienced in integrating **Git** with **Jenkin**s for triggering builds on code push in **CI/CD** pipeline.
* Proficient in **AWS cloud services**, including **EC2**. Developed **Java Beans** and helper classes for communication between presentation tier and controller **servlets/JSP.**
* Utilized Java's **concurrency** features to handle multiple transactions simultaneously, ensuring high throughput and optimized performance in the banking application.
* Implemented **PCI DSS s**tandards in applications involving credit card transactions, securing cardholder data, reducing fraud.
* Involved in different phases of **SDLC** Life Cycle and followed **Agile** methodology.
* Used **Spring MVC, Hibernate, Webservices, REST**technologies to build API’s.
* Proficient in using **Java Persistence API** (JPA) for object-relational mapping, with extensive experience in **Hibernate** as a JPA provider. Designed and developed web application using **JavaScript.**
* Utilized **Java 8 functional interfaces** to implement efficient and expressive code, leveraging the power of **lambda expressions** and enabling a more **functional programming approach.**
* Demonstrated experience in using **Maven** for managing project dependencies and streamlining the build process.
* Experienced in implementing various modules of Spring such as **Spring Security, Spring Data, and Spring Batch.**
* Skilled in creating **Kafka Producers** and **Consumers** in Java**.** Proficient in writing **unit tests** with **Mockito** to create, verify, and stub dependencies, ensuring the independent testing of component.
* Utilized **Redis** for efficient session data storage and management,ensuring seamless user experiences and scalability for web applications.Proficient in using **SonarQube** for continuous inspection of code quality.
* Created, deployed, and managed **RESTful APIs** using **Amazon API Gateway**, providing application components with secure and efficient communication.Utilized **Amazon CloudWatch** logs for monitoring application.
* Proficient in using**JFrog Artifactory** as a repository manager for storing build artifacts.
* Worked with **OpenShift** platform in managing **Docker** containers and **Kubernetes** clusters.
* Utilized **RestAssured** to perform comprehensive testing of **RESTful APIs,** ensuring accurate responses and data validation.
* Proficient in using **NoSQL databases** such as **MongoDB** for handling unstructured data.
* Designed and implemented complex forms using **Angular's**form controls and validation.
* Leveraged **Angular's**dependency injection system to manage application services and components effectively, promoting code reusability.
* Expertise in using WebSockets for real-time communication between client and server **via Node.js.**
* Worked on **Design patterns** for handling the**, S3, RDS, Lambda.** Used **IBM WebSphere** to deploy application in production.

**Environment:** SDLC,Spring MVC, Hibernate, IBM WebSphere, REST Web Services,JPA,Maven,Kafka,Mockito,Spring Batch, Spring Security, Git, Jenkins, Terraform,JFrog, Kubernetes,Docker,MongoDB,SonarQube,Design Pattern, CloudWatch,Shell Script, Angular.

**Client: Paytm Bangalore, India Feb 2017- dec 2017** **Full Stack Developer**

**Responsibilities:**

* Involved in **Sprint Planning**, Analysis, **Test-Driven Development (TDD)** and Testing phases of the application.
* Coded and tested the application using **Java, J2EE, Spring.**
* Implemented **J2EE Design Patterns** like **Spring,** **MVC, Hibernate, Data Access Object, Data Transfer Object,** **Front Controller** and **Service Oriented Architecture.**
* Used lightweight container of the Spring to provide architectural flexibility for **inversion of controller (IOC).**
* Implemented **ORM** using **Hibernate** Framework for all database persistence operations.
* Implemented data transfer from front end to spring application using XML**.** Used **SoapUI**to test the API.
* Created **Web services** for data transfer between client and server using **SOAP, WSDL and UDDI.**
* Worked in the development of **Servlets, JSP'S, Spring Beans and POJOs.** Worked with **Exception Handling** in **SOAP.**
* Worked on Object Model and **UML design models** for developing **Use cases** and created **Sequence diagram**, **class diagram** for application components and interfaces for design purposes.
* Designed and developed **XSLT transformation** components to convert data from XML to HTML.
* Utilized **React Context API** to manage global state and avoid prop drilling in deeply nested components.
* Successfully integrated AWS **SQS** with other AWS services, such as **AWS Lambda, Amazon EC2, and Amazon SNS**, to create robust event-driven architectures.used **XML DOM API** for parsing XML.
* Extensively worked on **JMS**using **publisher/subscriber messaging** for Exchanging of information through Messages.
* Implemented **Azure Service Bus** to facilitate reliable messaging and decouple application components.
* Leveraged **Azure Kubernetes Service (AKS)**to deploy and manage containerized Java applications.
* Involved in the implementation of business logic in **struts Framework** and **Hibernate** in the back end.
* Used **HTML, CSS, Angular** for UI Development, and client-side validations.
* Utilized **GraphQL**subscriptions to provide real-time updates on payment events, enabling clients to receive immediate feedback on successful payments and any changes in payment status.
* Implemented validation controls for form validation, implemented custom validation methods with **JavaScript and jQuery.**
* Knowledgeable in writing J**SX** (**JavaScript XML**) syntax to create dynamic and declarative UI components using **React.**
* Deployed and configured applications on **JBoss Server** in different environments.
* Created database tables and stored procedures, functions and triggers using **MySQL.**

**Environment:** Java, J2EE, Servlets, JSP, Spring, CSS, Hibernate, XML, WSDL,MySQL, AJAX, JUnit, HTML, Git, Agile, JBoss, JavaScript, JMS,jQuery,DynamoDB,Struts,SOAP,TDD,Servlets,DOM,XSLT,GraphQL,Azure

**Client: Myntra Ecommerce Bangalore, India June 2012 - Feb 2017** **Full Stack Java Developer**

**Responsibilities:**

* Developed **RESTful** Web services for using third party transactions. Used **Jersey**to build **RestAPI’s.**
* Installation, Configuration & administration of **WebLogic** environment, including deployment of **Servlets.**
* Extensively used **HTML, JSP** to design web pages and perform client-side validations and displaying dynamic content.
* Created business logic and application in **Spring Framework, Hibernate and Annotations.**
* Worked with core java concepts such as **Oops, Multi-threading**, **collection framework** and **Exceptionhandling.**
* Used various Design Patterns like **Factory, Abstract Factory and Singleton Patterns.**
* Implemented, configured **spring message sources, resource bundles** for labels, **message properties** for **internationalization.** Used **Spring Setter Injection and Spring Constructor injection.**
* Provided **JSON response** format to support various service clients.
* Experience in **Collections, Exception Handling, Garbage Collection in Core Java.**
* Leveraged **SQL syntax and** commands to perform **CRUD (Create, Read, Update, Delete) operations** in a **MySQL database.**
* Utilized **Azure Cosmos DB** as a NoSQL database to store and manage semi-structured data.
* **Utilized Azure API Management to create, publish, and manage APIs,** enabling efficient API usage and monetization.
* Leveraged **React.js** to create dynamic, user-friendly frontend interfaces, utilizing its component-based architecture to promote reusable code and enhance application efficiency. Monitored error log using **Log4j** and solved the problems.
* Involved in writing **SQL queries**, stored procedure **DAO** layer. Developed j**ava scripts** for all client-side validation and User Interface **(GUI)** using **JSP, CSS.** Used **JUnit** for testing and integration of modules.

**Environment:** Java, JSP, Servlet, WebLogic,Json, HTML, CSS, JavaScript, React.js, JUnit, JDBC,Spring, Hibernate,REST, SQL,Jersey, MySQL,AzureCosmos DB, Azure API Management

**Education Details:**

Bachelors in Computer Science Reva College Jun 2012